

ATTORNEY'S DOCKET NUMBER
VBW 5648TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NOT YET ASSIGNED
107922206INTERNATIONAL APPLICATION NO.
PCT/EP2003/008182INTERNATIONAL FILING DATE
24 JULY 2003PRIORITY DATE CLAIMED
24 JULY 2002TITLE OF INVENTION
HEAT-EXCHANGING DEVICEAPPLICANT(S) FOR DO/EO/US
HOFMANN, Wilfried

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☒ A Declaration and Power of Attorney
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: A marked-up version of the substitute specification

21. The following fees are submitted:

- ☒ a) Basic national fee.....\$300.00
- ☒ b) Examination fee.....\$200.00
- ☒ c) Search fee.....\$500.00

TOTAL OF ABOVE CALCULATIONS = \$1,000.00

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing in an electronic medium). The fee is \$250 for each additional 50 sheets of papers or fraction thereof.

Total Sheets 27 - 100 = ÷ 50 = x \$250 = \$
(round up to whole #)

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

D 01 Rec'd PCT/PT 19 JAN 2005

\$1000.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =		x \$50.00	\$	
Independent claims	1 - 3 =		x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$500.00	
SUBTOTAL =				\$500.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$500.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$500.00	
				Amount to be refunded:	\$
				charged:	\$500.00

- a. ☒ A check in the amount of \$ 500.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. in the amount of \$ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1345. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Paul I. J. Fleischut
Senniger Powers
One Metropolitan Square
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St. Louis, Missouri 63102
(314) 231-5400
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SIGNATURE

Paul I. J. Fleischut
NAME

35,513
REGISTRATION NUMBER

011905
15866 U.S. PTO

FEE TRANSMITTAL

PCT \$

Application Number NOT YET ASSIGNED
Filing Date January 19, 2005
Confirmation No. NOT YET ASSIGNED
Inventor(s) Wilfried Hofmann
Attorney Docket Number VBW 5648

Art Unit NOT YET ASSIGNED

10/522206
DT01 Rec'd PCT/PTT 19 JAN 2005

[XXX] Applicant claims small entity status.

METHOD OF PAYMENT

- [] The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 19-1345. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.
- [X] Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.

FEE CALCULATION

1. [X] BASIC FILING, SEARCH AND EXAMINATION FEES
(Type: U.S. PCT National) Subtotal (1) \$500.00

2. [] EXCESS CLAIM FEES

Total Claims 20 - (HP) = x Fee = \$
Indep Claims 1 - (HP) = x Fee = \$
Multiple Dependent Claims Fee \$
(HP = highest number of claims paid for)

Subtotal (2) \$ N/A

3. [X] APPLICATION SIZE FEE

Total Pages 27 - 100 = ÷ 50 = x \$250 = \$
(Application + Drawings) (round up to whole #)

Subtotal (3) \$ N/A

4. [] OTHER FEE(S)

[] month extension of time
[] Information disclosure statement
[] 37 CFR 1.17(q) processing fee
[] Non-English specification
[] Notice of Appeal
[] Filing a brief in support of appeal
[] Request for oral hearing
[] Other:

Subtotal (4) \$500.00

TOTAL AMOUNT OF PAYMENT \$500.00

Paul I. J. Fleischut January 19, 2005
Paul I. J. Fleischut, Reg. No. 35,513 Date
Telephone: 314-231-5400

PIF/leb
Express Mail Label No. EV 455480863 US